

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	(Gerrit near2 Dubbeldam).in.	US-PGPUB ; USPAT	OR	ON	2009/10/15 13:24
S2	1365	(akzo and nobel).as.	US-PGPUB ; USPAT	OR	ON	2009/10/15 14:44
S3	167413	solar photovoltaic photoelectric	US-PGPUB ; USPAT	OR	ON	2009/10/15 14:44
S4	30	S2 and S3	US-PGPUB ; USPAT	OR	ON	2009/10/15 14:44
S5	10	("20010037823" "4243432" "4313022" "4749454" "5328519" "5453134" "4697042" "5637510" "6184057" "6613598").PN.	US-PGPUB ; USPAT	OR	ON	2009/10/15 14:47
S6	16	(temporary near4 substrate) same (etch near4 resist\$6)	US-PGPUB ; USPAT	OR	ON	2009/10/15 14:54
S7	4285	(temporary near4 substrate)	US-PGPUB ; USPAT	OR	ON	2009/10/15 15:02
S8	30	S7 and "136".clas.	US-PGPUB ; USPAT	OR	ON	2009/10/15 15:02
S9	40	("3713893" "3971672" "3977904" "4042418").PN. OR ("4243432").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2009/10/15 17:48
S10	6	("20010037823" "4243432" "4313022" "4749454" "5328519" "5453134").PN. OR ("7276658").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 16:20
S11	35	temporary near4 substrate and "136".clas.	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:29
S12	2	S11 and protect\$6 near4 cap	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:30
S13	4604	temporary near4 substrate	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:30
S14	240	(protect\$6 near4 cap) same (etch\$4 with substrate)	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:30

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S15	4	S13 and S14	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:30
S16	4	S14 and "136".clas.	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:31
S17	201309	solar photovoltaic photoelectric	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:32
S18	11	S14 and S17	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:32
S19	77	electric\$4 near4 contact with mask\$6 and 136/243-265.ccls.	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:41
S20	157	electric\$4 near4 contact with (mask\$6 etch\$6) and 136/243-265.ccls.	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:42
S21	2	S13 and S20	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:44
S22	328	S13 and S17	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:46
S23	184	(temporary near4 (support superstrate substrate)) same (selectiv\$6 near4 (mask\$6 etch\$6))	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:51
S24	243	((temporary removable) near4 (support superstrate substrate)) same (selectiv\$6 near4 (mask\$6 etch\$6))	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:52
S25	14	S24 and S17	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/03 18:53
S26	14	("5011782" l "5069727" l "5232860" l "5538902").PN. OR ("6184057").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2010/05/05 15:52
S27	1	"6690041".pn.	US-PGPUB ; USPAT	OR	ON	2011/05/03 16:24

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S28	27	( "4323719"   "4577051"   "4759803"   "4773943"   "4933022"   "5248346"   "5252139"   "5389158"   "5580395"   "5616185"   "5990415"   "6034321"   "6103970"   "6225793").PN. OR ("6690041").URPN.	US-PGPUB ; USPAT; USOCR	OR	ON	2011/05/03 16:25
S29	40	temporary near4 substrate and 136/242-265.ccls.	US-PGPUB ; USPAT; USOCR	OR	ON	2011/05/03 16:26
S30	5198	temporary near4 substrate	US-PGPUB ; USPAT; USOCR	OR	ON	2011/05/03 16:45
S31	1316	unremov\$6 near4 (portion piece substrate)	US-PGPUB ; USPAT; USOCR	OR	ON	2011/05/03 16:46
S32	9	unremov\$6 near4 (portion piece substrate) with tempor\$6	US-PGPUB ; USPAT; USOCR	OR	ON	2011/05/03 16:46
S33	6	S30 and S32	US-PGPUB ; USPAT; USOCR	OR	ON	2011/05/03 16:47
S34	10	(Gerrit near2 Dubbeldam).in.	US-PGPUB ; USPAT	OR	ON	2011/05/03 16:49
S35	85	(temporary removable removable) near4 (carrier substrate) with (reduc\$4 decreas\$4 thin\$4) near4 thick\$6	US-PGPUB ; USPAT	OR	ON	2011/08/30 15:40
S36	369	(carrier substrate) with (reduc\$4 decreas\$4) near4 thick\$6 and "136".clas.	US-PGPUB ; USPAT	OR	ON	2011/08/30 15:42
S37	12	(finger near4 electrode) near4 thick\$6 and "136".clas.	US-PGPUB ; USPAT	OR	ON	2011/08/30 15:45
S38	102	("bus bar" busbar) near4 thick\$6 and "136".clas.	US-PGPUB ; USPAT	OR	ON	2011/08/30 15:46
S39	13	("bus bar" busbar) near4 thick\$6 with resistan\$6 and "136".clas.	US-PGPUB ; USPAT	OR	ON	2011/08/30 15:47
S40	16	iles.in. and "136".clas.	US-PGPUB ; USPAT	OR	ON	2011/08/30 16:11
S41	1	"6951819".pn.	US-PGPUB ; USPAT	OR	ON	2011/08/30 16:12

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S42	17	(removeable removable removing separable separating separated etched etching) near4 (substrate carrier support superstrate) with (reduc\$4 decreas\$4) near4 thick\$6 and "136".clas.	US-PGPUB ; USPAT	OR	ON	2011/08/30 16:19
S43	10	(Gerrit near2 Dubbeldam).in.	US-PGPUB ; USPAT	OR	ON	2011/08/31 16:57
S44	7313	136/256,244,258,261,251.cccls.	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:38
S45	2915	257/433,459,443.cccls.	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:38
S46	2381	438/61,62,80,89,96,98.cccls.	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:39
S47	11069	S44 S45 S46	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:39
S48	320287	(removeable removable removing separable separating separated etched etching) near4 (substrate carrier support superstrate)	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:39
S49	2109	S47 and S48	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:39
S50	353004	(reduc\$4 decreas\$4 lower\$6) near4 thick\$6	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:40
S51	535	S49 and S50	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:40
S52	4083	S48 same S50	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:40
S53	44	S47 and S52	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:40
S54	41115	detach\$6 near4 (substrate carrier support superstrate)	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:48
S55	141	S54 same S50	US-PGPUB ; USPAT	OR	ON	2011/08/31 17:48
S56	31817	(detach\$6 removeable removable removing separable separating separated etched etching) near4 (substrate carrier support superstrate)	USOCR	OR	ON	2011/08/31 17:49
S57	23175	solar photovoltaic photoelectric	USOCR	OR	ON	2011/08/31 17:50

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S58	354	S56 and S57	USOCR	OR	ON	2011/08/31 17:50
S59	149050	(detach\$6 removeable removable removing separable separating separated etched etching) near4 (substrate carrier support superstrate)	FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2011/08/31 17:50
S60	300475	solar photovoltaic photoelectric	FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2011/08/31 17:51
S61	2507	S59 and S60	FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2011/08/31 17:51
S62	107614	(reduc\$4 decreas\$4 lower\$6) near4 thick\$6	FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2011/08/31 17:51
S63	37	S61 and S62	FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2011/08/31 17:51

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S64	3752	136/256,244,258,261,251.cccls.	USPAT; UPAD	OR	ON	2011/08/31 17:41
S65	2170	257/433,459,443.cccls.	USPAT; UPAD	OR	ON	2011/08/31 17:41
S66	1503	438/61,62,80,89,96,98.cccls.	USPAT; UPAD	OR	ON	2011/08/31 17:41
S67	180659	(removeable removable removing separable separating separated etched etching) near4 (substrate carrier support superstrate)	USPAT; UPAD	OR	ON	2011/08/31 17:41
S68	203022	(reduc\$4 decreas\$4 lower\$6) near4 thick\$6	USPAT; UPAD	OR	ON	2011/08/31 17:41

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S69	49115	S67.clm.	USPAT; UPAD	OR	ON	2011/08/31 17:41
S70	22468	S68.clm.	USPAT; UPAD	OR	ON	2011/08/31 17:41
S71	689	S69 and S70	USPAT; UPAD	OR	ON	2011/08/31 17:41
S72	13	S71 and (S64 S65 S66)	USPAT; UPAD	OR	ON	2011/08/31 17:42
S73	24640	detach\$6 near4 (substrate carrier support superstrate)	USPAT; UPAD	OR	ON	2011/08/31 17:47
S74	7743	S73.clm.	USPAT; UPAD	OR	ON	2011/08/31 17:47
S75	52	S70 and S74	USPAT; UPAD	OR	ON	2011/08/31 17:48